

LI.—*Floræ Insularum Novæ Zelandiæ Precursor; or a Specimen of the Botany of the Islands of New Zealand.* By ALLAN CUNNINGHAM, Esq.

[Continued from p. 381.]

POLYGONÆ, *Juss.*

1. POLYGONUM, *L.*

355. *P. (Helxine) australe*; caule arboreo, ramis flexuosis scabriusculis, foliis ovato-cordatis acuminatis obtusis integerrimis lævibus, racemis axillaribus terminalibusque compositis. *Endl. Prodr. Fl. Nonf.* p. 42. *A. Rich. Fl. Nov. Zel.* p. 178.—*Coccoloba australis. Forst. Prodr. n.* 176. *Willd. Sp. Pl.* 2. p. 457. *Puka Incolarum.*

New Zealand (Middle Island), Dusky Bay.—1773, *G. Forster*.—Cook's Strait.—1827, *D'Urville*. (Northern Island), Bay of Islands, on the Keri Keri River.—1834, *R. Cunningham*.

*Obs.* Folia polymorpha, in eodem ramis cordata acuminata et basi æqualia ac obtusa; unde nequaquam duplex varietas quemadmodum. *A. Rich. loc. cit. innuit, erit admittenda. Endl.*

356. *P. adpressum, Br. Prodr.* 1. p. 420. *Labill. Nov. Holl.* 1. p. 99. *t. 127. Bot. Mag. t.* 3145. *Hernan, incol.*

New Zealand (Northern Island). In thickets on the banks of rivers, Wangaroa, Kana-Kana, &c.—1826, *A. Cunningham*. Bay of Islands.—1834, *R. Cunningham*.

357. *P. complexum*, glabrum dumosum, caule fruticoso flexuoso, foliis (semuncialibus) subrotundis petiolatis subcordatis margine integerrimis, racemis axillaribus terminalibusve, floribus polygamis? ramulis volubilibus implexis scabris.

New Zealand (Northern Island), sandy shores of the Bay of Islands, where it forms dense bushes.—1826, *A. Cunningham*.

358. *P. prostratum, Br. Prodr.* 1. p. 419. *Rich. Fl. Nov. Zel.* p. 177.—*Var. caule rectinato glabro.—Tutu naoué, incol. (D'Urville.)*

New Zealand (Northern Island). In low humid spots, Wangaroa.—1826, *A. Cunningham*. Bay of Islands.—1827, *D'Urville*.

2. RUMEX, *L.*

359. *R. crispus, L.—Campol. Monog. Enum.* p. 95. *A. Rich. Fl. Nov. Zel.* p. 177.—*Engl. Bot. t.* 1998.—*Poon, incol.*

New Zealand (Middle Island), Astrolabe Harbour.—1827, *D'Urville*.

*Obs.* Valvulis nudis cordato-orbiculatis integerrimis.

360. *R. Brownianus. Camp.* p. 81. *Schutt. Syst. Veg.* 7. p. 135.—*R. fimbriatus. Br. Prodr.* 1. p. 421. *Smith in Rees' Cycl. n.* 19.—*R. flexuosus Sol. Mss. Forst. Prodr. n.* 515?

New Zealand (Northern Island). In low situations, in the Valley of Wangaroa.—1826, *A. Cunningham*. Wytangy and Keri-Keri Rivers.—1834, *R. Cunningham*.

*Obs.* Valvulis nudis venosis ovato-acuminatis pulchre fimbriatis.

## CHENOPODEÆ, DC. R. Br.

## 1. CHENOPODIUM, L.

361. *C. triandrum*. Forst. Prodr. n. 129. Willd. Sp. Pl. v. 1. p. 1299. A. Rich. Fl. Nov. Zel. p. 180. Rœm. et Schult. Syst. Veg. 6. p. 252. Poipapa, Incol. (D'Urville.)

New Zealand (Middle Island), Astrolabe Harbour.—1827, D'Urville.—1773, G. Forster. (Northern Island), Bay of Islands.—1834, R. Cunningham.

362. *C. Botrys*. Willd. Sp. Pl. 1. p. 1304. Fl. Græc. t. 253.

New Zealand (Northern Island), sandy shores of the Bay of Islands.—1834, R. Cunningham.

363. *C. glaucum*. Willd. Sp. Pl. 1. p. 1305. Engl. Bot. t. 1454.

New Zealand (Northern Island), shores of the Bay of Islands, 1834.—R. Cunningham.

364. *C. maritimum*. Willd. Sp. Pl. 1. p. 1307. A. Rich. Fl. Nov. Zel. p. 181. Engl. Bot. t. 663.

New Zealand (Middle Island), salt marshes, Astrolabe Harbour.—1827, D'Urville.

365. *C. fruticosum*. Schrad. Rœm. et Sch. Syst. Veg. 6. p. 265.—*Sal-sola fruticosa*, L. Forst. Prodr. n. 131. Willd. Sp. Pl. 1. p. 1316. A. Rich. Fl. Nov. Zel. p. 182. Engl. Bot. t. 635.

New Zealand.—1773, G. Forster.

## 2. SALICORNIA, L.

366. *S. indica*, Willd. Br. Prodr. 1. p. 44. A. Rich. Fl. Nov. Zel. p. 182.—*S. australis*. Sol. Mss. Forst. Prodr. n. 487.

New Zealand (Middle Island), shores of Astrolabe Harbour.—1827, D'Urville. (Northern Island) on rocks washed by the sea, Bay of Islands.—1834, R. Cunningham.

## AMARANTHACEÆ, Juss.

## ALTERNANTHERA, Forskal.

367. *A. denticulata*. Br. Pr. 1. p. 417. Rœm. et Sch. Syst. Veg. 5. p. 556. Nahuwie, Incol.

New Zealand (Northern Island). A procumbent plant, growing in bogs and open marshy grounds. Bay of Islands.—1834, R. Cunningham.

Obs. Closely allied to *A. prostrata*, Don. (Prodr. Fl. Nep.); but that species differs in having the foliola of the perianth nearly as short as the utriculus.

## PARONYCHICÆ, St. Hil. Juss. DC.

## (SCLERANTHÆ, Link, Lindl.)

## MNIARUM, Forst. Br.

368. *M. biflorum*, Forst. Gen. t. 1. Linn. Suppl. 18. Br. Prodr. 1. p. 412. De Cand. Prodr. 3. p. 378. A. Rich. Fl. Nov. Zel. p. 319.—*M. pedunculatum*, Labill. Nov. Holl. 1. p. 8. t. 2.—*Ditoca muscosa*, Banks et Sol. Ms. Gært. Koku-Koku Incol. insulæ septentrionalis, R. Cunningham.—*Naé-réoré*, Indig. ins. mediæ. D'Urville.

New Zealand (Middle Island), Astrolabe Harbour.—1827, D'Urville.—(Northern Island).—1769, Sir Jos. Banks. On dry banks among fern,

1834, *R. Cunningham*. Rocky head of Wangaroa Harbour.—1826, *A. Cunningham*.

PLANTAGINEÆ, *Juss.*PLANTAGO, *L.*

369. *P. major*. *L. Willd. Sp. Pl.* 1. p. 641. *Rœm. et Sch. Syst. Veg.* 3. p. 111. *A. Rich. Fl. Nov. Zel.* p. 184. *Engl. Bot.* t. 1558.

New Zealand (Northern Island). Banks of the river Thames.—1827, *D'Urville*.

370. *P. varia*. *Br. Prodr.* 1. p. 424. *Rœm. et Sch. Syst. Veget.* 3. p. 150.

New Zealand (Northern Island). Between the villages of Ngaire and Wainai, on the east coast, upon dry banks near the sea-shore.—1834, *R. Cunningham*.

PRIMULACEÆ, *Ventenat.*1. ANAGALLIS, *L.*

371. *A. arvensis*, *L. Willd. Sp. Pl.* v. 1. p. 821. *Engl. Bot.* t. 529.—*A. phœnicea*, *Lam. DC. Fl. Franc.*

New Zealand (Northern Island), among fern, far from any European settlement.—1834, *R. Cunningham*. Perhaps scarcely indigenous.

2. SAMOLUS, *L.*

372. *S. littoralis*. *Br. Prodr.* 1. p. 428. *A. Rich. Fl. Nov. Zel.* p. 185. *Rœm. et Sch. Syst. Veg.* v. 5. p. 1. *Endl. Prodr. Fl. Norf.* p. 48.—*Sheffieldia repens*. *Forst. Prodr. n.* 67. *Makoako*, *Incol. D'Urville*.

New Zealand (Middle Island).—1773, *G. Forster*. Astrolabe Harbour.—1827, *D'Urville*. (Northern Island). On rocks washed by the sea, Bay of Islands, &c.—1826, *A. Cunningham*.—1834, *R. Cunningham*.

SCROPHULARINEÆ, *R. Br.*1. VERONICA, *L. Juss.*

373. *V. speciosa* (*R. C. Mss.*) *glaberrima*, *racemis terminalibus brevibus erectis confertifloris*, *bracteis ovato-lanceolatis pedicelli dimidio brevioribus*, *laciniis calycinis ovatis acutiusculis tenuissime ciliatis dimidium tubi corollæ subæquantibus*, *foliis (oppositis) planis obovatis obtusis coriaceis decurrentibus*, *apiculo calloso obtuso marginibus integerrimis incrassatis coloratis*, *caule fruticoso erectiusculo vel diffuso*. *All. Cunn. in Bot. Mag. sub t.* 3461.

*Napuka* ab indigenis vulgo vocatur.

New Zealand (Northern Island). South head of the river Hokianga, West Coast.—1834, *R. Cunningham*.

*Frutex spectabilis*, 3—6-pedalis, *caulibus pluribus robustis adscendentibus*. *Folia* 3—4-pollicaria. *Flores speciosi*, *cyaneo-violacei*, *fere facie Lysimachix atropurpureæ*. *Stamina exserta pistillum æquantia*. *Capsula bipartibilis*, *elliptica*, *acuminata*, *glabra*, *calyce duplo longior*.

374. *V. salicifolia*. *Forst. Prodr. n.* 11. *Vahl. Symb.* 3. p. 4. *Rœm. et Sch. Syst. Veg.* 1. p. 103. *A. Rich. Fl. Nov. Zel.* p. 186. *Endl. in Ann. des Wien. Mss. band 1. App. t.* 14. *Kolokian*, *Incol. Med. Ins. D'Urville. Korokio*, *Indig. ad flum. Hokianga, R. Cunningham*.

New Zealand (Middle Island).—1773, *G. Forster*. Shores of Astrolabe Harbour.—1827, *D'Urville*. (Northern Island.) On the skirts of dense humid forests near Hokianga River.—1826, *A. Cunningham*.—1834, *R. Cunningham*.

*Arbuscula* 10—15-pedalis, *A. C.* (2—3-orgyalis ex *Forstero*), ramosa, rami elongati, graciles, glabri. *Folia* opposita, decussata, palmaria, lineari-lanceolata, acutissima, integra; petioli vix ulli basi dilatati semi-amplexicaules. *Flores* albido-cœrulescentes, spicati. *Spicæ* elongatæ, axillares, folio longiores. *Corollæ* tubus longitudine calycis. *Stamina* exserta. *Capsula* bilocularis, lævis, calyce duplo longior.

375. *V. ligustrifolia*; racemis pedunculatis terminalibus pubigeris folium subæquantibus, bracteis oblongo-lanceolatis pedicello duplo brevioribus, laciniis calycinis ovato-lanceolatis acutiusculis longitudine tubi corollæ, foliis (oppositis) ovali-oblongis angusto-lanceolatisve obtusiusculis integerrimis glabris, caule fruticoso. *All. Cunn. in Bot. Mag. sub t. 3461.*

New Zealand (Northern Island). In close woods on the hills in the vicinity of the Bay of Islands.—1833, *R. Cunningham*.

*Frutex* gracilis, bipedalis. *Folia* ovalia, vel attenuato-lanceolata, sessilia. *Flores* albidi, spicato-racemosi. *Calyx* persistens, laciniis æqualibus. *Corollæ laciniæ* acutiusculæ.

376. *V. macrocarpa*. *Vahl. Symb. 3. p. 4. Rœm. et Sch. Syst. Veg. 1. p. 103.*

New Zealand, *Vahl*.

*Frutex* glaber. *Folia* quadripollicaria, lanceolata, integerrima, enervia. *Racemi* erecti, laterales, longitudine foliorum. *Calyx* parvus. *Corollæ* tubus calyce duplo longiore, limbi laciniis obtusis. *Capsula* ovata, acuta, calyce triplo longior.

377. *V. angustifolia* (*Rich.*) spicis gracilibus pedunculatis axillaribus folio duplo et ultra longioribus, pedunculo puberulo, laciniis calycinis obtusis tubo corollæ duplo brevioribus, foliis (oppositis) lineari-angustis acutis integris glabris glaucescentibus, caule ramoso fruticoso. *A. Rich. Fl. Nov. Zel. p. 187.*

New Zealand (Middle Island). North Coast, "Bassin des Courans, Passe des Français," &c. on the sea-coast.—1827, *D'Urville*.

*Suffrutex* bi-tri-pedalis, ramosus. *Folia* vix biuncialia. *Flores* cœrulescentes, spicati. *Calyx* persistens, laciniis inæqualibus ciliatis. *Corollæ* laciniis obtusis.

378. *V. parviflora*. *Vahl. Symb. 1. p. 67. Rœm. et Sch. Syst. Veget. 1. p. 103.*

New Zealand.

Obs. *Caulis* fruticosus. *Folia* sessilia, approximata, lineari-lanceolata, rigida, mucronata, glabra, integerrima, pollicaria. *Racemi* sesquipollicares, erecti. *Bractææ* minutæ. *Corollæ* laciniis obtusis. *Capsula* ovata, calyce tetraphyllo duplo longior.

379. *V. elliptica*. *Forst. Prodr. n. 10. Rœm. et Sch. Syst. Veg. 1. p. 104. A. Rich. Fl. Nov. Zel. p. 189.*

New Zealand (Middle Island).—1773, *G. Forster*.

*Caules* fruticosi, ramosi, biorgyales. *Folia* elliptica (*Daphnis*) subpetiolata, opposita, decussata, glabra, avenia, apice obtusa, integerrima, pollicaria. *Racemi* (spicæ) axillares, laxe pauciflori. *Lacinia calycis* subulata, tubo corollæ duplo breviores. Filamenta staminum corollæ longitudine.

380. *V. Catarractæ*. Forst. Prodr. n. 9. Rœm. et Sch. Syst. Veg. 1. p. 104. A. Rich. Fl. Nov. Zel. p. 189.

New Zealand (Middle Island).—1773, G. Forster.

*Caulis* suffruticosus, bipedalis, simplex, prostrato-adscendens, lævis. *Folia* lanceolata, serrata, petiolata, serraturis apice callosis. *Racemus* terminalis, flexuosus. *Calycis lacinia* lanceolata, acutæ. *Lacinia corollæ* subrotundæ, lateralibus majoribus. *Stam.* corolla breviora. *Capsula* inflata subrotundo-compressiuscula, calyce cincta. *Ex Forst.*

381. *V. diosmifolia*, (R. Cunn. Mss.), corymbis axillaribus terminalibusve multifloris bracteis ovatis pedicello duplo brevioribus, laciniis calycis ovalibus obtusis dimidium tubi corollæ æquantibus, foliis decussatis petiolatis lanceolatis acutis integerrimis serrulatisve serraturis simpliciter incisissimis remotis supra concavis lævibus subtus discoloribus, caule fruticoso erecto. A. Cunn. in Bot. Mag. sub fol. 3461. Piriti, Incolis.

New Zealand (Northern Island). In dense thickets at the head of the Wyceldy River, and at the fall of the Keri-Keri River, Bay of Islands.—1834, R. Cunningham.

*Frutex* gracilis, virgatus, 3—12-pedalis, cum habitu omnino *Trachymenes*. *Rami* stricti, erecti, foliosi. *Folia* 9 lineas longa, avenia, subtus carinata. *Flores* albi. *Capsula* elliptica, acuta, compressa, bipartibilis, calyce ciliato triplo longior.

382. *V. calycina*, racemis lateralibus pedunculatis paucifloris strictis folio multoties longioribus, foliis late ovatis subcordatis rugosis inæqualiter serrato-crenatis petiolatis cauleque hirsutis, calycibus pilosis ciliatis capsula longioribus. A. Cunn. in Bot. Mag. sub t. 3461. Br. Prodr. Fl. Nov. Holl. 1. p. 435. Rœm. et Sch. Syst. Veg. 1. p. 119.

New Zealand (Northern Island). Banks of the Keri-Keri River, in grassy places.—1834, R. Cunningham.

*Caulis* herbaceus, elongatus (sæpe 5—6-pedalis), in locis graminosis late repens vel decumbens. *Folia* opposita grosse dentata, subtus discoloria, hispida. *Calyx* quadripartitus, capsula longior, laciniis obovatis obtusiusculis nervosis. *Capsula* rotundata, compressa, emarginata, seu obcordata, polysperma, dissepimento contrario.

## 2. GRATIOLA, L.

383. *G. sexdentata*, (R. Cunn. Mss.), caule glabro procumbente ramoso, foliis ovato-lanceolatis sessilibus extra medium paucidentatis pedunculum æquantibus, laciniis calycinis lineari-lanceolatis obtusis capsula subemarginata longioribus.

New Zealand (Northern Island). In bogs at Manga-muka on the Hokianga River; also between the Waimate and Keri-Keri Rivers.—1834, R. Cunningham.

## 3. EUPHRASIA, L.

384. *E. cuneata*; corollæ laciniis inferioribus truncatis, calycibus obtusi-

usculis glabris capsula duplo brevioribus, spica multiflora, foliis cuneatis obtusis crassiusculis, hinc illinc lateribus 1—2-dentatis, caule ramoso scabro. *Forst. Prodr. n. 234. H. Rich. Fl. Nov. Zel. p. 191. Rata, Incolis. D'Urville.*

New Zealand (Northern Island). On rocks upon the sea-coast, Tolaga Bay (Lat. 38° 22' S.)—1769, *Sir Jos. Banks.*—1827, *D'Urville.*

CYRTANDRACEÆ, *Jack in Linn. Tr. v. 14. p. 23.*

RHABDOTHAMNUS.

*Calyx* ovario basi adnatus, profunde 5-fidus, subbilabiatus. *Corolla* tubulosa, bilabiata (seu limbo quinque-lobato), labio superiore bilobo, inferiore trilobo subæquali. *Stamina* quatuor, didynamia, et quinti rudimentum. *Antheræ* omnes in discum lobatum cohærentes. *Annulus hypogynus* carnosus. *Stylus* longitudine staminum. *Stigma* bilamellatum. *Capsula* sicca (venosa) rostrata, unilocularis, bivalvis, valvis medio fissis, marginibus valvularum inflexis, *placentis* duabus lanceolato-lamellatis pedicellatis parietalibus demum liberis. *Semina* numerosa. *Frutex ramosissimus, dumosus, virgatissimus, ramulis gracilibus pallidis pilosis.* Flores *tubulosi, striati, sordide rubri seu rubiginosi.* *Calyx tubulosus, persistens.* Folia *subrotundo-rhomboidæ, subcuneata, petiolata, scabra, grosse serrata, venosa.* Pedunculus *uniflorus.*

*Obs.* Nomen genericum e Græcis vocabulis *ράβδος* virga, et *θάμνος* frutex, ob virgatissimum fruticis habitum.

385. *R. Solandri.*—Columnea scabrosa. *Sol. Mss. in Bibl. Banks.*

New Zealand (Northern Island).—1769, *Sir Jos. Banks.* In dry woods, in the vicinity of the Bay of Islands. Wangaroa, &c.—1826, *Allan Cunningham.*—1834, *Richard Cunningham.*

SOLANEÆ, *Juss.*

SOLANUM, *L.*

386. *S. laciniatum.* *Hort. Kew. ed. 1. Br. Prodr. 1. p. 445. non Ruizii. Rœm. et Sch. Syst. Veg. 4. p. 578. Curt. Bot. Mag. t. 349. Willd. Sp. Pl. 1. p. 1030, et Enum. Pl. 1. p. 284.*—*S. aviculare, Forst. Prodr. n. 107. A. Rich. Fl. Nov. Zel. p. 193.*

New Zealand. In damp woods. Cook's Strait.—1773, *G. Forster.* (Northern Island.)—1769, *Sir Jos. Banks.* Bay of Islands.—1826, *A. Cunningham.* Poro-Poro, Incol. *D'Urville.*

Some botanists, and, among them, Dunal and A. Richard, doubt the identity of the plant of *Hortus Kewensis* and that of Forster. The latter says of the plum-like fruit of *S. aviculare*, which Cook's sailors ate when they observed that the birds did not refuse them, "hujus baccæ fulvæ, pruni majoris magnitudine, acidæ, parum dulcescentes, subnauseosæ, ab Incolis Novæ Zelandiæ avidè vorantur, aviculis etiã gratissimæ, neque nostratibus omnino rejiciendæ."

*Solanum tuberosum, L.*, is enumerated by A. Richard in his 'Flora,' p. 194, although admitted to be a plant introduced by Europeans, and now generally cultivated by the natives, who call it *Tihon.*

## MYOPORINEÆ, R. Br.

## 1. MYOPORUM, Banks and Sol.—R. Br.

387. *M. latum*, Forst. Prodr. n. 238. Willd. Sp. Pl. Pers. Syn. 2. p. 144, A. Rich. Fl. Nov. Zel. p. 195.—*Citharexylon perforatum*, Forst. Mss. conf. Steud. nom.

New Zealand (Middle Island).—1773, G. Forster. (Northern Island.) Rocky shores of the Bay of Islands.—1826, A. Cunningham.

388. *M. pubescens*, Forst. Prodr. p. 239. Willd. Pers. Syn. 2. p. 144.

New Zealand (Middle Island).—1773, G. Forster.

## 2. AVICENNIA, L.

389. *A. tomentosa*, L. Br. Prodr. 1. p. 518. Willd. Sp. Pl. 3. p. 395.—*A. resinifera*, Forst. Prodr. n. 246. A. Rich. Fl. Nov. Zel. p. 195,

Manaova, D'Urville. Manawa ab Incolis dicitur, R. Cunningham.

New Zealand, on the immediate shores of both the Northern and Middle Islands.

Obs. I. This tree is the *Mangrove* of New Zealand, of which Forster says, to justify his name, "Gummi ex hac arbore exsudans forte idem est, quo barbari Novæ Zelandiæ homines vescuntur, ut patet e diario navarchi gallici Crozet (p. 67. *Voyage de M. Marion*)."

Obs. II. M. Ach. Richard insists that Forster's plant, which that voyager believed had produced a gum which the French observed the natives using as a masticatory, is different from the Linnæan species, notwithstanding that Mr. Brown, upon comparing authentic specimens in the Banksian Herbarium, had seen no ground to separate them. Richard's characters are as follow: *A. resinifera*, Forst., corollæ laciniis acutis glabris. *A. tomentosa*, L., corollæ lobis obtusis emarginatis villosis.

## VERBENACEÆ, Juss.

## 1. VITEX, L.

390. *V. littoralis*: foliis ternatis quinatisve, foliolis ellipticis obtusis cum acumine petiolatis glabris, paniculis brevibus racemosis axillaribus terminalibusve, ramis dichotomis, calyce campanulato subdentato, staminibus exertis, corolla extus tomentosa.—*Ephialis pentaphylla*. Banks et Sol. Mss. et Ic. ined. in Biblioth. Banks. *Puredi s. Puriri*, Incol. A. Cunningham.

New Zealand (Northern Island).—1769, Sir Jos. Banks.—1826, A. Cunningham. A tree of very irregular growth on the rocky shores of the Bay of Islands, growing frequently within the range of salt water.

That able missionary, the Rev. W. Yate, observes that "this tree from its hardness and durability has been denominated the New Zealand Oak, and indeed it seems to answer all the purposes of that prince of trees. The wood is of a dark brown colour, close in the grain, and takes a good polish; it splits freely, works well, and derives no injury from exposure to the damp, twenty years' experience having proved that in that period it will not rot, though in a wet soil

and underground. For ship building it is (like the teak, which belongs to the same order) a most valuable wood ; as the injury which it has received from being perforated in various places, by a large grub peculiar to the tree, does not essentially diminish its value for the timbers of ships or for the knees of boats. It grows from fifteen to thirty feet without a branch, and varying from twelve to twenty feet in circumference."

LABIATÆ, *Juss.*MICROMERIA, *Bentham.*

*Calyx* tubulosus, 13 rarius sub-15-striatus, 5-dentatus. *Corollæ* tubus æqualis, rectus ; limbus bilabiatus, labium superius integrum vel emarginatum. *Stamina* 4, didynama, inferiora longiora adscendentia, apice perparia approximata, vel rarius subdivergentia. *Antheræ* liberæ, biloculares.

391. *M. Cunninghamii*, (Benth.) caule herbaceo prostrato tenuiter pubescente, foliis petiolatis rotundatis subintegerrimis, pedicellis elongatis nudis, calycibus hirsutis, dentibus ovato-lanceolatis, fauce intus nuda. *Benth. Lab. Gen. and Sp. Suppl.* p. 730.—Thymi species. *R. C. Mss.*

New Zealand (Northern Island). At Manga Muka, on the Hokianga river.—1834, *R. Cunningham.*

*Obs.* *Calyx* magnitudine *M. Douglasii* et pari modo post anthesin ovatoglobosus. *Dentes* intus villosi, sed faux nuda. *Corolla* tubo incluso, magnitudine et forma *M. satureoides* et *australis*. (*Mentha* sp. *R. Br.*)

A very remarkable species as belonging to the American section *Hesperothymus*, and indeed very nearly allied to *M. Brownei* (*Thymus Brownei*, Swartz) a West Indian and South American plant. *Benth. in litt.*

BORAGINEÆ, *Juss.*1. ANCHUSA, *L.*

392. *A. spathulata*, caule filiformi procumbente, foliis petiolatis ovatis obtusis piloso-hispidis distantibus, pedicellis laterifoliis solitariis, nucibus lævibus. *Rœm. and Sch. Syst. Veg.* iv. p. 100.—*Myosotis spathulata*. *Forst. Prodr.* n. 62. *Willd. Sp. Pl.* 1. p. 748. *A. Rich. Fl. Nov. Zel.* p. 198.

New Zealand (Middle Island).—1778, *G. Forster*. Astrolabe Harbour, —1827, *D'Urville*. (Northern Island), dry rocky elevated spots. Wangaroa. —1826, *A. Cunningham.*

*Obs.* Veram esse *Anchusam* plantæ recentis indagator. *R. Br. Prodr.* p. 494.

2. MYOSOTIS, *L.*

393. *M. Forsteri*; foliis obovato-spathulatis strigoso-hispidis, racemis ebracteatis, pedicellis in fructu erecto-patentibus longitudine calycis, laciniis calycis oblongis obtusiusculis trinerviis. *Lehm. Asper.* p. 95. *Rœm. and Sch. Syst. Veg.* iv. p. 779. *Endl. Syn. Fl. Insul. Occ. Austr. in Ann. des Wien. Mus. Band i.* p. 174. n. 1221.

New Zealand (Middle Island).—1773, *G. Forster*. *Endl.*

[To be continued.]